#### AES/EPA -017



www.aespuertorico.com

Julio 15, 2016

Chief, Multimedia Permits and Compliance Branch Caribbean Environmental Protection Division U.S. Environmental Protection Agency, Region 2 City View Plaza II, Suite 7000 48 RD. 165 Km. 1.2 Guaynabo, Puerto Rico 00968-8069

RE:

Administrative Order on Consent Docket Number CWA-02-2015-3102 – Compliance with AOC Section VII, ¶77 6<sup>th</sup> Quarterly Progress Report

Dear Jose:

On March 18, 2015 AES Puerto Rico LP ("AES-PR") and the United States Environmental Protection Agency ("EPA") entered into the above referenced Administrative Order on Consent ("AOC"), under which AES-PR is obligated to comply with certain requirements (AOC Section VII, Ordered Provisions). All capitalized terms in this letter shall have the meaning as defined in the AOC.

Under AOC Section VII ¶77, Until Termination of this Order, Respondent shall prepare and submit Quarterly Progress Reports (QPR) that describe the current status and progress of Respondent's actions taken to comply with the provisions of this Order.

In compliance with the new AOC requirement, AES-PR hereby submits the required QPR for Q-2 2016 as an attachment to this letter.

We respectfully ask EPA to advise AES-PR promptly, should the agency have any concerns with this submission. Should AES-PR not receive any timely comments from EPA, we will reasonably consider that EPA has agreed that AES-PR has satisfied this requirement of AOC Section VII, ¶77 in full. Should EPA require additional time to review and provide comments back to AES-PR, that review time is of course entirely beyond the control of AES-PR and should be added to the required time frame for AES-PR to comply with this requirement.

Regards.

Manuel Mata

President AES Puerto Rico

Attachments

Administrative Order on Consent AES Puerto Rico Coal Fired Power Plant Docket Number CWA-02-2015-3102 NPDES Tracking Number PRU020663

#### Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Manuel Mata

President AES Puerto Rico

Date



# Quarterly Progress Report (QPR) No. 6

Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102

July 15, 2016

AES Puerto Rico, LP (AES-PR) is hereby submitting to the United States Environmental Protection Agency (USEPA) this Quarterly Progress Report (QPR) in accordance with Provision 77 of the Administrative Compliance Order (ACO), Docket Number CWA-02-2015-3102.

### **Milestones and Activities**

This reporting period covers the actions taken from **April 1, 2016** to **June 30, 2016**. During this reporting period AES-PR completed a number of actions towards meeting the Provisions of this ACO, including:

- 1- Ordered Provision 68 Upon the Effective Date of this Order and for a period of one year, Respondent shall conduct benchmark monitoring and analyze samples according to Part 6.1.3 (measurable storm event), Part 6.1.4 (sample type), Part 6.1.5 (adverse weather condition), Part 6.1.7 (monitoring periods), Part 6.2.1.1 (applicability of benchmark monitoring), Part 6.2.1.2 (benchmark monitoring schedule), Part 8.O.7 (sector-specific benchmark for steam electric power generating facilities) and Part 8.Q.6 (sector-specific for water transportation) of the MSGP. Also, Respondent shall:
  - a. monitor at least once at the permanent sampling points 001, 002, and 003 (SP-001, SP-002, and SP-003, respectively) in each of the following 3-month intervals: January 1 March 31; April 1 June 30; July 1 September 30; and October 1 December 31;
  - b. analyze the samples for total aluminum, total iron, total lead and total zinc;
  - c. document monitoring activities and laboratory reports for each sampling point; and
  - d. prepare MDMR forms within thirty (30) days of receiving the laboratory results. Respondent shall use the MDMR available at the EPA's web site at http://water.epa.gov/polwaste/npdes/stormwater/.

Docket Number CWA-02-2015-3102

AES-PR personnel monitored permanent sampling points 001, 002, and 003 during April

1 – June 30, 2016. Samples were analyzed for total aluminum, total iron, total lead and

total zinc. Laboratory reports for sampling points were received on April 21, 2016

(Attachment 1).

2- Benchmark Monitoring Results

The Q2-2016 benchmark monitoring results for the three storm water outfalls are

summarized in the tables and graphs included in **Attachment 2**.

Monitoring results for sampling point 001 indicate a decrease in storm water aluminum

and iron concentrations. Storm water monitoring parameters were all below benchmark

value during this monitoring period.

At sampling point 002, monitoring results showed a reduction in aluminum and iron

concentration compared to the first quarter. Results indicated that aluminum and iron

concentrations in samples were above benchmark values. Corrective actions were

completed in order to comply with part 6.2.1 of the MSGP 2015. The selection, design,

installation, and implementation of control measures were reviewed and evaluated in the

field.

As a corrective action, the wash station exit road located east of the limestone dome and

other selected plant road areas were improved with asphalt. Also, a segment of the south

plant road entrance was paved in order to eliminate the erosion potential from that area.

In addition, the rip rap located at the south side of the facility (Gate #3, close to sampling

point 002) was improved.

Stormwater monitoring parameters at sampling point 003 were all below benchmark

value during this monitoring period. Results indicated that the control measures have

been working effectively and that no BMP modifications are necessary for that drainage

area.

#### 3- Additional Actions Taken

AES-PR is submitting with this QPR the compliance activities completed during this period (**Attachment 3**). It includes visual inspections and monitoring activities conducted for all plant storm water outfalls. Inspection results were documented and records kept with the Stormwater Pollution Prevention Plan. All the routine site inspections and corrective actions for the **April 1**, **2016** to **June 30**, **2016** period were completed, documented and are being submitted with this report.

### 4- Activities for Next Reporting Period

During the next reporting period, AES will continue conducting benchmark monitoring and sampling as required in AOC provision 68.

## Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Manuel Mata Plant Manager

# **ATTACHMENT 1**

Discharge Monitoring Report

Permit						
Permit #:	PRR053093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUERTO RICO, L.P.	
Major:	No	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784	
Permitted Feature	: 001 External Outfall	Discharge:	<b>001-O1</b> Steam Electric Generating Facilities			
Report Dates & St.	atus					
<b>Monitoring Period</b>	From 04/01/16 to 06/30/16	DMR Due Date:	07/31/16	Status:	NetDMR Validated	
Considerations for	r Form Completion					
Principal Executiv	e Officer					
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-866-8117	
Last Name:	Mata					
No Data Indicator	(NODI)					
Form NODI:						
Parameter	Monitoring Location Season # Param. NODI			uality or Concentration	# of Ex. Frequency of Analysis Sampl	le Type
Code Name		Sample	ualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifi	ier 2 Value 2 Qualifier 3 Value 3 = 0.733	Units         01/90 - Quarterly         GR - G	3RAB
01045 Iron, total [as Fe]	1 - Effluent Gross 0	Permit Req. Value NODI		<= 1 MAXIMUM		
Submission Note						
If a parameter row of Sample Type.	does not contain any values for the Sam	nple nor Effluent Trading, then	none of the following fields will be submitt	ted for that row: Units, Number o	of Excursions, Frequency of Analysis, and	
Edit Check Errors						
No errors.						
Comments						
Attachments						
No attachments.						
Report Last Saved						
AES PUERTO RIC			1			
	.labayen@aes.com		Date/Time:	2016-05-23 09:18 (	Time Zone: -04:00)	
	b Labayen					
E-Mail: pedro	.labayen@aes.com					

Permit																			
Permit #:		PRR053093			Permit	tee:		AE	S PUE	RTO I	RICO, LP	)		Facility:		AES PL	ERTC	RICO, L.P.	
Major:		No			Permit	tee Addr	ess:		ad #3 l ayama		2 Jobos 0 0784	Ward		Facility L	ocation:	_		. 142 JOBOS WARD R 00784	
Permitted I	Feature:	001 External Outfa	all		Discha	arge:			1-Q1 ater Tra	ınspor	tation Fa	cilities							
Report Dat	tes & Status				ı														
Monitoring	Period:	From 04/01/1	6 to 06/3	30/16	DMR D	ue Date:		07/	31/16					Status:		NetDMF	R Valid	dated	
Considerat	tions for For	m Completion			ı														
Principal E	Executive Of	ficer																	
First Name	<b>:</b>	Manuel			Title:			Pla	ınt Mar	nager				Telephon	e:	787-866	-8117		
Last Name	):	Mata																	
No Data Inc	dicator (NOL	OI)			,														
Form NOD	l:																		
		Monitoring Location	Season #	Param. NODI				y or Loadin	_					ty or Concentr			# of Ex	k. Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units (	Qualifier 1	Value 1	Qualifier 2	Value 2 Qualif	ier 3 Value 3 0.733	Units		01/90 - Quarterly	GR - GRAB
01045 Iron, tota	tal [as Fe]	1 - Effluent Gross	0		Sample Permit Req.									= <=	1 MAXIMUM	19 - mg/L 19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI														
					Sample									<	0.002	19 - mg/L		01/90 - Quarterly	GR - GRAB
01051 Lead, to	otal [as Pb]	1 - Effluent Gross	0		Permit Req. Value NODI									<=	.21 MAXIMUN	l 19 - mg/L		01/90 - Quarterly	GR - GRAB
					Sample									=	90	28 - ug/L		01/90 - Quarterly	GR - GRAB
01092 Zinc, tot	tal [as Zn]	1 - Effluent Gross	0		Permit Req.									<=	90 MAXIMUM	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI Sample									=	0.682	19 - mg/L		01/90 - Quarterly	GR - GRAB
01105 Aluminu	um, total [as Al]	1 - Effluent Gross	0		Permit Req.									<=	.75 MAXIMUM	_		01/90 - Quarterly	GR - GRAB
					Value NODI														
Submissio																			
If a parame Type.	eter row does	not contain any va	llues for t	the Sample i	nor Effluent	Trading,	then no	ne of the	followin	ng field	ds will be	submi	tted for th	at row: Units	Number of Exc	ursions, l	reque	ency of Analysis, and	Sample
Edit Check	k Errors																		
No errors.																			
Comments	5																		
Attachmen	nts																		
No attachment																			
	st Saved By																		
AES PUER	RTO RICO, LI	•																	
User:		ayen@aes.com								Date	e/Time:			2016-0	5-23 09:20 (T	me Zone	: -04:0	00)	
Name:	Pedro L	abayen																	
E-Mail:	pedro.laba	ayen@aes.com																	





#### REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: April 14, 2016

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1601057

**SAMPLE DATE: 04/01/16** 

**DESCRIPTION:** Stormwater #001

SAMPLE COLLECTED BY: Client (P. Labayen) TIME: 5:51 AM

LAB. FILE ID: 1601057

DATE RECEIVED: 04/04/16

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1601057 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	0.682	0.005	BTR	04/08/16
Iron	200.7(ICAP)	Grab	mg/L	0.733	0.010	BTR	04/08/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	04/08/16
Zinc	200.7(ICAP)	Grab	mg/L	0.090	0.002	BTR	04/08/16

<sup>\*</sup>Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

Iris M. Chevere

Alfonzo

Lic. # 2376

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Alfonzo **Laboratory Director** Chemist License 2370

Attachment: Chain of Custody Record

PAGE 1 OF 1

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

#### **CHAIN OF CUSTODY RECORD**

PROYECT NO.	COMPANY	AES GMA.	SAMPLER Pedro Labayen
SAMPLE LOCATION/CLIEN	DI TV	StormWater #	001 TIME 5:51 (AM) CONTROL NO.
SAMPLE DATE	Mark Salk S	4-1-16	BEL. NO. 1601057 185890
General Environmental:	PC	VSS P	SamplingWitness;
Acidity ( )		Alkalinity ( )	Date/Time:
Ammonia as N	· · · · · · · · · · · · · · · · · · ·	Bicarbonate ( )	— Relinquished by:
BOD-5 ( )	_	Bromide ( ) _ Chlorine, Res. ( )	- New York Taken
Chloride ( ) COD ( )		Color (ADMI)	
Conductivity µmhos/cm ( )		Color (Pt-Co)	
Dissolved Oxygen ( )		Cyanide ( )	Received by:
Hardness ( )	<del></del>	Fluoride ( )	_ contract Colles
Moisture % ( )	_	Iodide	Date/Time: 4-4-16 /1:15-Am
Nitrite ( )		Nitrate ( )	802 (90500-000) (905000-0000) 8
Oil+Grease ( ) Phenol ( )	· · · · · · · · · · · · · · · · · · ·	Nitrate + Nitrite ( ) _ pH, S.U. ( )	Relinquished by:
Phosphorus, Total ( )	-	Phosphate, Ortho ( )	transfer the second of the sec
Sett Solids mg/L ( )		Sett. Solids mL/L ( )	Date/Time: 4-4-16 1154
Sulfate ( )		Solids, Total	Received by:
Sulfite ( )	riti <u>n</u> lm r	Sulfide ( )	- Received by.
TDS ( )		Surfactant ( )	
Temperature, °C ( )	_	TSS ( )	- Date/Time: 4/4/16 1554/m
TOC ( )		TKN ( ) Turbidity ( )	Relinquished by:
Asbestos ( ) TVS ( )	= 1 { 1 <u></u> , 1	Carbonate ( )	Remiquished by.
Total Nitrogen ( )		Carbonate	production of the first
2. Metals:	<del>alla</del> s mili		Date/Time:
Aluminum (Al)	<u>t</u>	Cadmium (Cd) ( )	Received by:
Chromium (Cr) ( )		Copper (Cu) ( )	
Iron (Fe) /(X)	Ī		Total Date/Time:
Manganese (Mn) ( )			Date/Time:
Nickel (Ni) ( )		Selenium (Se) ( ) _ Tin (Sn) ( )	Matrix
Silver (Ag) () Zinc (Zn) (X)	1 - 1 - a	Arsenic (As) ( )	
Barium (Ba) ()		Boron (B) (	air ( ) water 🎾 ) sludge ( )
Antimony (Sb) ( )	7 - 7 - 10	Beryllium (Be) ( )	liquid ( ) soil ( ) solid ( )
Bismuth (Bi) (Bi)	1150 <u>p. 25</u> 1 2 n s	Calcium (Ca) ( )	— oil () mixed () other ()
Chromium, VI (CrVI) ( )		Cobalt (Co) ( )	
Magnesium (Mg) ( )	- / -	Molybdenum (Mo) ( )	Specify:
Potassium (K) ( )		Silicon (Si) ( )	peen,
Sodium (Na) ( )	12,0	Strontium (Sr) ( ) Titanium (Ti) ( )	Preservative Codes = PC
Thallium (Tl) ( ) Vanadium (V) ( )	- 1 - <del>7 - 1</del> - 1 - 1	Lithium (Li) ( )	
, minum (1) ( )			1. Cool,<6°C 6. Sodium Hydroxide(NaOH)
3. RCRA/Hazardous wastes			
Ignitability (Flash Pt.)( )	To person of	Corrosivity ( )	2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 7. Zinc Acetate
Reactivity (CN & S) ( )	11 11 <del>11 11</del> 11	TCLP ( ) _	3. Nitric Acid (HNO <sub>3</sub> ), pH<2 8. Ascorbic Acid
RCRA Metals ( )		Organics-Pest/Herb ( )	4. Hydrochloric acid (HCl) 9. FAS
Organics-BNA ( )	Rest to the second	Organics-VOA ( )	5. Sodium Thiosulfate 10.Other
TOX ( )	-		5. Sodium Thiosultate 10.Other
4. Specific Organics		Phenols GC ( )	— Sample type legend:
Volatiles ( )		Semi-Volitiles (BNA) ( )	
Pesticides/PCB's ( )		PCB's Only ( )	grab samples x
Herbicides ( )		TPH 418.1 ( )	composite samples xx
BTEX ( )	de la companya de la	TTO ( )	Turnayayad timas Campling Equipments
TTO & Dioxin ( )	/_* II II	TPH 8015 ( )	Turnaround time: Sampling Equipment:
C Missali I		Lindane ( )	1 day ( ) Automatic Camples ( )
5. Microbiology		Total Coliform	1 day ( ) Automatic Sampler ( )
Fecal Coliform ( )		Total Coliform ( )	— 2 days ( ) Sample Pick Up ( )
			3 days ( )
Comments:			
			Note: normal turnaround time is ten (10) working days;
			additional charges apply for rush orders.

Permit																
Permit #:		PRR053093		Permittee	:		AES PUE	RTO RIC	O, LP		Facility:		AES PU	ERTO RICO, L.	Ρ.	
Major:		No		Permittee	Address:		Road #3 k Guayama,		lobos Ward 84		Facility Lo	cation:		3 KM. 142 JOB MA, PR 00784	OS WAR	D
Permitted F	eature:	002 External Outfall		Discharge	<b>)</b> :		002-O1 Steam Ele	ctric Ge	nerating Facilities	6						
Report Date	es & Status			·												
Monitoring	Period:	From 04/01/16 to 0	6/30/16	DMR Due	Date:		07/31/16				Status:		NetDMR	Validated		
Considerat	ions for Form	Completion		·												
Principal E	xecutive Offic	er														
First Name	:	Manuel		Title:			Plant Man	ager			Telephone	:	787-866	-8117		
Last Name:		Mata														
No Data Ind	dicator (NODI)															
Form NODI	:															
Param Code	eter Mon Name	itoring Location Seaso	n # Param. NODI	0			Loading	2 Unito (	Qualifier 1 Value 1 0		Concentration		# c	of Ex. Frequency	f Analysis	Sample Type
Code	name			Sample	aimer i van	ue i Qua	aimer z vaiue	2 Units C	qualifier 1 value 1 C	Qualifier 2 va	= Qualifier	4.69	19 - mg/L	01/90 - Quart	erly	GR - GRAB
X <sub>01045</sub> Iron,	total [as Fe] 1 - Ef	fluent Gross 0		Permit Req.							<=	1 MAXIMUM	19 - mg/L	01/90 - Quart	-	GR - GRAB
Submission	n Noto		V	/alue NODI												
		t contain any values	for the Commis	F#I	Tua dia a da		a af tha fall	andra a fi	معادية واللثان والماء	:44   4 4	t marrie I limita	Niveskan of F				nd Commis
Type.		t contain any values	for the Sample	nor Elliuent	rrading, th	en non	e or the roll	owing ne	eias will be subm	iitted for tha	it row: Units,	Number of E	excursions,	Frequency of A	naiysis, a	nd Sample
Edit Check	Errors															
Pa	arameter															
Code	Name	Monitoring Lo	ocation		Field			Туре			Desc	ription			Ack	nowledge
01045 Iro	on, total [as Fe]	1 - Effluent Gross	Qualit	ty or Concentr	ration Samp	ole Value	e 3	Soft	The provided sa	ample value	is outside the	permit limit. (	Error Code:	1)		Yes
Comments																
Attachmen	ts															
No attachments	S.															
Report Las																
AES PUER	TO RICO, LP															
User:	pedro.labaye							Dat	e/Time:		2016-05-2	3 09:27 (T	ime Zone:	-04:00)		
Name:	Pedro Lab	•														
E-Mail:	pedro.labaye	n@aes.com														

Permit Permittee: AES PUERTO RICO, LP Facility: AES PUERTO RICO, L.P. Permit #: PRR053093 **Facility Location:** ROAD #3 KM. 142 JOBOS WARD Major: No Permittee Address: Road #3 km. 142 Jobos Ward Guayama, PR 00784 GUAYAMA, PR 00784 002 Discharge: 002-Q1 **Permitted Feature:** External Outfall Water Transportation Facilities Report Dates & Status **DMR Due Date:** Status: **Monitoring Period:** From 04/01/16 to 06/30/16 07/31/16 **NetDMR Validated Considerations for Form Completion Principal Executive Officer** First Name: Manuel Title: Plant Manager Telephone: 787-866-8117 Last Name: Mata No Data Indicator (NODI) Form NODI: Monitoring Location Season # Param. NODI **Quantity or Loading Quality or Concentration** # of Ex. Frequency of Analysis Sample Type Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units Code Name Sample 19 - mg/L 01/90 - Quarterly GR - GRAB GR - GRAB X <sub>01045</sub> Iron, total [as Fe] 1 - Effluent Gross Permit Rea 1 MAXIMUM 19 - mg/L 01/90 - Quarterly Value NODI Sample 19 - mg/L 01/90 - Quarterly GR - GRAB 0.002 1 - Effluent Gross .21 MAXIMUM 19 - mg/L 01051 Lead, total [as Pb] Permit Reg. 01/90 - Quarterly GR - GRAB Value NODI 01/90 - Quarterly GR - GRAB Sample 28 - ug/L Zinc, total [as Zn] 1 - Effluent Gross Permit Req. 90 MAXIMUM 28 - ug/L 01/90 - Quarterly GR - GRAB Value NODI GR - GRAB Sample 19 - mg/L 01/90 - Quarterly X 01105 Aluminum, total [as Al] 1 - Effluent Gross 0 .75 MAXIMUM 19 - mg/L GR - GRAB Permit Req. 01/90 - Quarterly Value NODI Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. **Edit Check Errors** Parameter **Monitoring Location** Field Acknowledge Type Description Code Name 01045 Iron, total [as Fe] 1 - Effluent Gross Quality or Concentration Sample Value 3 Soft The provided sample value is outside the permit limit. (Error Code: 1) Yes 1 - Effluent Gross Yes 01105 Aluminum, total [as Al] Quality or Concentration Sample Value 3 The provided sample value is outside the permit limit. (Error Code: 1) **Comments Attachments** No attachments. Report Last Saved By AES PUERTO RICO, LP pedro.labayen@aes.com Date/Time: 2016-05-23 09:29 (Time Zone: -04:00) User: Name: Pedro Labayen E-Mail: pedro.labayen@aes.com





### REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

**DATE:** April 14, 2016

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1601058

DATE RECEIVED: 04/04/16

**SAMPLE DATE: 04/01/16** 

**DESCRIPTION:** Stormwater #002

SAMPLE COLLECTED BY: Client (P. Labayen) TIME: 9:36AM

LAB. FILE ID: 1601058

MATRIX: Water

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1601058 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED
Aluminum	200.7(ICAP)	Grab	mg/L	8.30	0.005	BTR	04/08/16
Iron	200.7(ICAP)	Grab	mg/L	4.69	0.010	BTR	04/08/16
Lead	200.7(ICAP)	Grab	mg/L	<0.002	0.002	BTR	04/08/16
Zinc	200.7(ICAP)	Grab	mg/L	0.064	0.002	BTR	04/08/16

<sup>\*</sup>Standard Methods for the Examination of Water and Waste Water 20th Edition, 1999.

nis M. Chévere

Alfonzo

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda. Iris M. Chévere Al Laboratory Director Chemist License 2370

Attachment: Chain of Custody

PAGE 1 OF 1

THE NELAC CERTIFIED ANALYSES MEET ALL REQUIREMENTS OF NELAC STANDARDS. REFER OUR SERVICE DEPARTMENT FOR THE CURRENT LIST OF CERTIFIED ANALYSES. CERTIFIED BY STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATION SERVICES FOR ENVIRONMENTAL TESTING **•CERTIFICATION NUMBER E87556•** 

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

# CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	AES GM	9.	dinar Rolei	SAMPLER	· · · · · · · /	P. Laby	en	
SAMPLE LOCATION/CLIENT	T ID	Stormwater 4-1-1	Ħ	002		TIME	9:36 AM	CONTROL	
SAMPLE DATE	ds to a	4-1-1	6			BEL. NO.	1601058	18589	<del>J</del> 1
General Environmental:	PC	VSS	PC	Sampling			16 5 3 12 19	> ER * >   KE +   E	
Acidity ( )		Alkalinity ( )	_	Date/Tim	e:			2 2 90	
Ammonia as N ( )	1	Bicarbonate ( )	a <del>rd a</del> a	Relinquis	shed by:/		11		
BOD-5 ( )		Bromide ( )		r y nga T	1/ods	6 -	fly		
Chloride ( )		Chlorine, Res. ( )		- (m)	1 cent	101	11.	1-	
COD ( )		Color (ADMI) ( )		Date/Tim	ie: 4-4	1-16	11.	1) AM	
Conductivity µmhos/cm ( )		Color (Pt-Co) ( )		Received	by:		0 /	)	
Dissolved Oxygen ( )	(A <del></del> )	Cyanide ( ) Fluoride ( )			J., 24	5	-1/2	/	
Hardness ( )		Iodide ( )			3 5 T 30	(		, ,	-/.
Moisture % ( ) Nitrite ( )	. le <u>-eli</u> 10	Nitrate ( )		Date/Tim	ie:	K -	4-16	11:15	AM
Oil+Grease ( )		Nitrate + Nitrite ( )		Relinquis	shed by:			`	
Phenol ( )	-	pH, S.U.		Remiquis	siled by.	Marine 2	20/	)	
Phosphorus, Total ( )	_	Phosphate, Ortho ( )	-	CI maringon s	and II, to V	The state of	ans	4	
Sett Solids mg/L ( )		Sett. Solids mL/L ( )		Date/Tim	ie:	4-	4-16	150	SPM
Sulfate ( )	-	Solids, Total				11	0/	7/	
Sulfite ( )		Sulfide ( )		Received	by:				
TDS ( )		Surfactant ( )		e de code	0/1	Ce.	MATI		
Temperature, °C ( )		TSS ( )		Date/Tim	e: W	10/	16	2568m	
TOC ( )		TKN ( )				19/1	11 11 11 11 11 11	756119	
Asbestos ( )		Turbidity ( )		Relinquis	shed by:				
TVS ( )		Carbonate ( )	h						
Total Nitrogen ( )				D . /T.				Lati	
2. Metals:				Date/Tim	ne:			-	
Aluminum (Al)	3 1 3 3 18°	Cadmium (Cd) ( )	-	Received	l by:		1 1/10		
Chromium (Cr) ( )	_	Copper (Cu) ( )			,				
Iron (Fe)		Lead (Pb)	7 <u>11 "P"</u> 1 + <u>1</u>	Data/Tim	2.4		a kala a se ateli:		
Manganese (Mn) ( )	_	Mercury (Hg) ( )	<u> </u>	Date/Tim	e:			*	
Nickel (Ni) ( )	y - <u>7 - 5</u> -	Selenium (Se) ( )		3 A 4					
Silver (Ag) ( )		Tin (Sn) ( )		Matrix					
Zine (Zn)	N - 2 -	Arsenic (As) ( )		ai	ir (	) wa	ater (X)	sludge (	)
Barium (Ba) ( )		Boron (B) ( )			quid (	) soi		solid (	)
Antimony (Sb) ( )		Beryllium (Be) ( )			•		. , ,		<i>!</i>
Bismuth (Bi) ( )	<del></del>	Calcium (Ca) ( )		oi	1l (	) mi	ixed ( )	other (	)
Chromium, VI (CrVI) ( )		Cobalt (Co) ( )							
Magnesium (Mg) ( )		Molybdenum (Mo) ( )	_	Specify:					
Potassium (K) ( )	·	Silicon (Si) ( ) Strontium (Sr) ( )							
Sodium (Na) ( ) Thallium (Tl) ( )	1 7 2 3	Titanium (Ti) ( )	589 10 10	Preserva	tive Cod	les = Pe	${f C}$ . The second of ${f C}$		
Manager Control of the Control of th		Lithium (Li) ( )							
Vanadium (V) ( )		Emman (E)	H 51,	1 01 (0	0.0		6 Codium	. Hudnavida@	MaOII)
3. RCRA/Hazardous wastes				1. Cool,<6				n Hydroxide(1	NaOH)
Ignitability (Flash Pt.)( )		Corrosivity ( )		<ol><li>Sulfuric</li></ol>	Acid (H,Se	O <sub>4</sub> ) pH<	2 7. Zinc A	cetate	
Reactivity (CN & S) ( )	All in a state of the	TCLP ( )	- Tr		cid (HNO			oic Acid	
RCRA Metals ( )	angle (CAS) of a	Organics-Pest/Herb ( )	H 7. 1		the second of the	<ul> <li>(c) (20) 200 (1) (1) (2)</li> </ul>		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Organics-BNA ( )		Organics-VOA ( )	-	•	nloric acid		9. FAS		
TOX ()	A 40	and the state of t	A	5. Sodium	Thiosulfate	e	10.Other		
,,	-								
4. Specific Organics		Phenols GC ( )	AT THE I	Sample	type lege	nd:			
Volatiles ( )		Semi-Volitiles (BNA) ( )		Sumpre			100	N.	
Pesticides/PCB's ( )		PCB's Only ( )			_	ıb samp		X	
Herbicides ( )		TPH 418.1 ( )			COI	mposite	e samples	XX	
BTEX ( )		TTO ( )		Т		•		inmant.	
TTO & Dioxin ( )		TPH 8015 ( )		Turnaro	und time	e: Sa	ampling Equ	upment:	
		Lindane ( )				× .	part cheat	1 2 5	
5. Microbiology				, -rr 1	day (	) . Ai	utomatic San	npler ( )	
Fecal Coliform ( )		Total Coliform ( )		2	days (	) Sa	ample Pick U	p ()	
						)		1 ( )	
Commonter					days (	)			
Comments:				- 5	days (	)			
- 16					•	nal turnaro	ound time is ten (10)	working days:	
					addi	itional char	rges apply for rush o	raers.	

Permit					
Permit #:	PRR053093	Permittee:	AES PUERTO RICO, LP	Facility:	AES PUERTO RICO, L.P.
Major:	No	Permittee Address:	Road #3 km. 142 Jobos Ward Guayama, PR 00784	Facility Location:	ROAD #3 KM. 142 JOBOS WARD GUAYAMA, PR 00784
Permitted Fea	ature: 003 External Outfall	Discharge:	<b>003-O1</b> Steam Electric Generating Facilities	5	
Report Dates	& Status				
Monitoring Po	eriod: From 04/01/16 to 06/	30/16 DMR Due Date:	07/31/16	Status:	NetDMR Validated
Consideration	ns for Form Completion				
Principal Exe	ecutive Officer				
First Name:	Manuel	Title:	Plant Manager	Telephone:	787-866-8117
Last Name:	Mata				
No Data India	cator (NODI)				
Form NODI:					
Parameter Code Name			ty or Loading Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qu	Quality or Concentration palifier 2 Value 2 Qualifier 3 Value 3	# of Ex. Frequency of Analysis Sample Type Units
01045 Iron, total [a	as Fe] 1 - Effluent Gross 0	Sample Permit Req. Value NODI		= 0.186 <= 1 MAXIMUM	19 - mg/L 01/90 - Quarterly GR - GRAB 19 - mg/L 01/90 - Quarterly GR - GRAB
Submission I	Note				
If a parameter Sample Type.		or the Sample nor Effluent Trading, the	en none of the following fields will be subr	mitted for that row: Units, Number of	of Excursions, Frequency of Analysis, and
Edit Check E	rrors				
No errors.					
Comments					
Attachments  No attachments.					
Report Last S	Saved By				
AES PUERTO					
	pedro.labayen@aes.com		Date/Time:	2016-05-23 09:31 (	Time Zone: -04:00)
	Pedro Labayen		1		
E-Mail:	pedro.labayen@aes.com				

Permit													1					
Permit #:	Pl	RR053093			Permit	ttee:		AE	S PUE	RTO RICO, I	.P		Facility:		AES PU	JERTO	RICO, L.P.	
Major:	N	0			Permit	ttee Addro	ess:			m. 142 Jobo , PR 00784	s Ward		Facility Loca	ation:			142 JOBOS W <i>A</i> R 00784	ARD
Permitted Feat		)3 kternal Outfa	all		Discha	arge:			<b>3-Q1</b> ater Tra	nsportation F	acilities							
Report Dates &	Status				ı													
Monitoring Per		om 04/01/1	6 to 06/3	30/16	DMR D	Due Date:		07/	/31/16				Status:		NetDM	R Valid	ated	
Considerations		mpletion																
Principal Execu	ıtive Officer																	
First Name:	М	anuel			Title:			Pla	ant Man	ager			Telephone:		787-866	6-8117		
Last Name:	М	ata											,					
No Data Indica	tor (NODI)																	
Form NODI:																		
Parameter	Monito	ring Location	Season #	Param. NODI				or Loadir					or Concentration			# of Ex.	Frequency of An	alysis Sample Typ
Code Nam	е					Qualifier 1	Value 1 Q	Qualifier 2	Value 2	Units Qualifier	1 Value 1 G	Qualifier 2 V	alue 2 Qualifier		Units		24/02 0 1	00.0040
01045 Iron, total [as	Fel 1 - Efflu	ent Gross	0		Sample Permit Req.								= <=	0.186 1 MAXIMUM	19 - mg/L 19 - mg/L	-	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB
ore remain, total fac	. 0,	J. 1000			Value NODI								,				o i, co quartori,	0.0.0.0
					Sample								<	0.002	19 - mg/L		01/90 - Quarterly	GR - GRAB
01051 Lead, total [as	s Pb] 1 - Efflu	ent Gross	0		Permit Req. Value NODI								<=	.21 MAXIMUM	1 19 - mg/L		01/90 - Quarterly	GR - GRAB
					Sample								=	36	28 - ug/L		01/90 - Quarterly	GR - GRAB
01092 Zinc, total [as	Zn] 1 - Efflu	ent Gross	0		Permit Req.								<=	90 MAXIMUM	-		01/90 - Quarterly	GR - GRAB
					Value NODI									0.005	10 (1		04/00 0 4	00 0040
01105 Aluminum, tot	al [as Al] 1 - Efflu	ent Gross	0		Sample Permit Req.								= <=	0.205 .75 MAXIMUM	19 - mg/L 1 19 - mg/L		01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
Submission No	ato.				Value NODI													
If a parameter ro		ntain any va	lues for t	tha Sample r	oor Effluent	Trading t	than non	o of the	followir	a fielde will k	e submitt	ed for that	row: Unite Nu	imber of Evo	ureione	Frague	ncy of Analysis	and Sample
Type.	W GOES HOLCO	italii aiiy va	iues ioi t	ine Sample i	ioi Liliaelii	rrading, t		ie oi tile	IOIIOWII	ig neids will k	e subiliti	ed for trial	i iow. Offics, ive	arriber of Exc	ursions,	i reque	ricy of Arialysis,	and Sample
Edit Check Erre	ors																	
No errors.																		
Comments																		
Attachments																		
No attachments.																		
Report Last Sa AES PUERTO I																		
	edro.labayen@	aes.com								Date/Time:			2016-05-2	3 09:32 (T	ime Zone	e: -04:00	0)	
	edro Labayer									20.0/11110.			2010 00 2	1 00.02			-,	
TIGHTO.	caro Labayei	•																
	edro.labayen@	000.00																





### REPORT OF ANALYSIS

ATTENTION:

Mr. Héctor Ávila

COMPANY:

AES Puerto Rico - Guayama

DATE: April 14, 2016

CONTRACT: AES - Guayama

LAB. SAMPLE ID: BEL-1601059

**SAMPLE DATE: 04/01/16** 

**DESCRIPTION:** Stormwater #003

SAMPLE COLLECTED BY: Client (P. Labayen) TIME: 12:19PM

LAB. FILE ID: 1601059

MATRIX: Water

DATE RECEIVED:	04/04/16		MATRIX: Water									
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-1601059 RESULT	METHOD DETECTION LIMIT	ANALYST	DATE ANALYZED					
Aluminum Iron Lead Zinc	200.7(ICAP) 200.7(ICAP) 200.7(ICAP) 200.7(ICAP)	Grab Grab Grab Grab	mg/L mg/L mg/L mg/L	0.205 0.186 <0.002 0.036	0.005 0.010 0.002 0.002	BTR BTR BTR BTR	04/08/16 04/08/16 04/08/16 04/08/16					

<sup>\*</sup>Standard Methods for the Examination of Water and Waste Water 20<sup>th</sup> Edition, 1999.

Method Detection Limit (MDL)-The minimum concentration of a substance that can be measured and reported with 99% confidence that the value is above zero.

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee. Sample results related only to the sample submitted.

Lcda, Iris M. Chévere Alfonzo Laboratory Director

Chemist License 2370

Attachment: Chain of Custody Records (1)



PAGE 1 OF 1

192 Villa Street • Ponce, P.R. 00730-4875 Tel. 787-841-7373 • Fax 787-841-7313

## CHAIN OF CUSTODY RECORD

PROYECT NO.	COMPANY	HES GMO		SAMPLER P. Labuyen
SAMPLE LOCATION/CLIENT	ID	StormWater - 4-1-16	#	TIME 12:19 AM CONTROL NO.
SAMPLE DATE		4-1-16	ol K	BEL. NO. 1601059 185892
General Environmental:  Acidity  ( )	PC	VSS Alkalinity ( )	PC	Sampling Witness;
Ammonia as N ( ) BOD-5 ( )	. <u></u>	Bicarbonate ( ) Bromide ( )	1 <del>- 1 - 1</del> - 1	Relinquished by:
Chloride ( ) COD ( )	_	Chlorine, Res. ( ) Color (ADMI) ( )		Date/Time: 4-4-16 11:15AM
Conductivity µmhos/cm ( ) Dissolved Oxygen ( )	_	Color (Pt-Co) ( ) Cyanide ( )	n <u>aara</u> n N <u>aara</u> n	Received by:
Hardness ( )	-	Fluoride ( )		Col ly
Moisture % ( ) Nitrite ( )		Nitrate ( )	Hill I	Date/Time: 4-4-16 /1:15 Am
Oil+Grease ( )	_	Nitrate + Nitrite ( )		Relinquished by:
Phenol ( ) Phosphorus, Total ( )	$(x,\frac{f_{n+1}}{2}) \in \mathcal{S}$	pH, S.U. ( ) Phosphate, Ortho ( )	<del>ji th</del> a	min hi pisa mani pi mali Cally / 17
Sett Solids mg/L ( )		Sett. Solids mL/L ( )		Date/Time: $4-\ell-16$ , $65-7$ Pm
Sulfate ( )		Solids, Total ( )		Received by:
Sulfite ( ) TDS ( )		Sulfide ( )	(Marie	Alex Hell
Temperature, °C ( )	_	TSS ( ) Local	Line I	Date/Time: 4/4/16 125 78m
TOC ()	n sa <u>ka m</u> afa	TKN ( )	14-1-1	Relinquished by:
Asbestos ( ) TVS ( )		Turbidity ( ) Carbonate ( )		Remiquished by.
Total Nitrogen ( )		e the second second section of the second se	- ILo.	Data/Timas
2. Metals:	1	Cadmium (Cd) ( )		Date/Time:
Aluminum (Al) (X) Chromium (Cr) ()	nd <del>yde</del> a	Cadmium (Cd) ( ) Copper (Cu) ( )	0.000	Received by:
Iron (Fe) (X)	T	Lead (Pb) /(X)	1 1/2	Description of the second of t
Manganese (Mn) ( )		Mercury (Hg) ( )		Date/Time:
Nickel (Ni) ( ) Silver (Ag) ( )		Selenium (Se) ( ) Tin (Sn) ( )		Matrix
Zine $(Zn)$ $(Xn)$	1	Arsenic (As) ( )	1 52.0	air () water $(\times)$ sludge ()
Barium (Ba) ( )	-	Boron (B) ( )	* philips	
Antimony (Sb) ( ) Bismuth (Bi) ( )	ngd <del>Topi</del> Ta	Beryllium (Be) ( ) Calcium (Ca) ( )	rj de	
Chromium, VI (CrVI)	n <u>1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 </u>	Cobalt (Co) ( )	11.70	oil ( ) mixed ( ) other ( )
Magnesium (Mg) ( )	Fix pin	Molybdenum (Mo) ( )	. codi	Specify:
Potassium (K) ( )		Silicon (Si) ( ) Strontium (Sr) ( )		•
Sodium (Na) ( ) Thallium (Tl) ( )	m, the	Titanium (Si) ( )	- 7	Preservative Codes = PC
Vanadium (V) ( )	41 - T	Lithium (Li) (	77 T.d. 9	
2 DOD 4 // 1				1. Cool,<6° C 6. Sodium Hydroxide(NaOH
3. RCRA/Hazardous wastes Ignitability (Flash Pt.)( )		Corrosivity ( )		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ) pH<2 7. Zinc Acetate
Reactivity (CN & S) ( )	e mengd <del>y or to</del> loofig en o	TCLP ( )		3. Nitric Acid (HNO <sub>3</sub> ), pH<2 8. Ascorbic Acid
RCRA Metals ( )	1 to 1 2 to 1 to	Organics-Pest/Herb ( )		4. Hydrochloric acid (HCl) 9. FAS
Organics-BNA ( )		Organics-VOA ( )	-	5. Sodium Thiosulfate 10.Other
TOX ( )				5. Sociali i mosanate
4. Specific Organics		Phenols GC ( )	or gine Or	Sample type legend:
Volatiles ( )		Semi-Volitiles (BNA) ( )	-	grab samples x
Pesticides/PCB's ( ) Herbicides ( )		PCB's Only ( ) TPH 418.1 ( )	_	composite samples xx
BTEX ( )	ر المسطور الرابي ال	TTO ( )		-
TTO & Dioxin ( )	0	TPH 8015 ( )	400	Turnaround time: Sampling Equipment:
5 Miorabiology		Lindane ( )		1 day ( ) Automatic Sampler ( )
5. Microbiology Fecal Coliform ( )		Total Coliform ( )		2 days ( ) Sample Pick Up ( )
Comments:				3 days ( )
Comments.				5 days ( )
				Note: normal turnaround time is ten (10) working days;
				additional charges apply for rush orders.

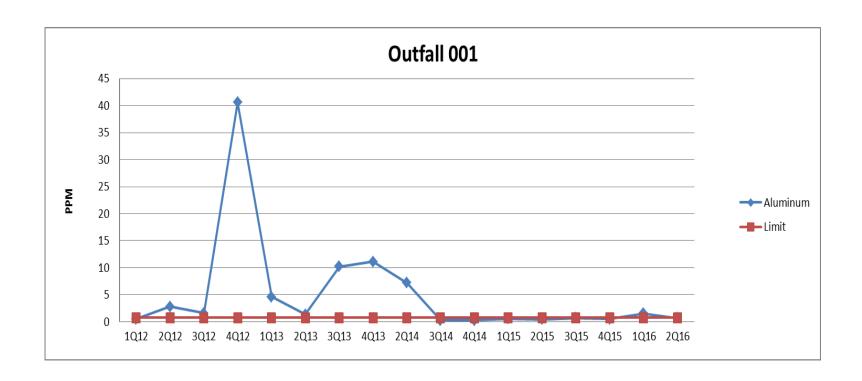
# **ATTACHMENT 2**

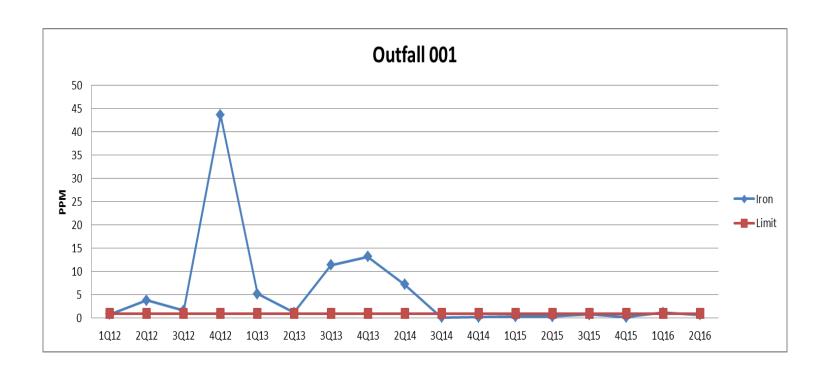
Summary of Benchmark Monitoring

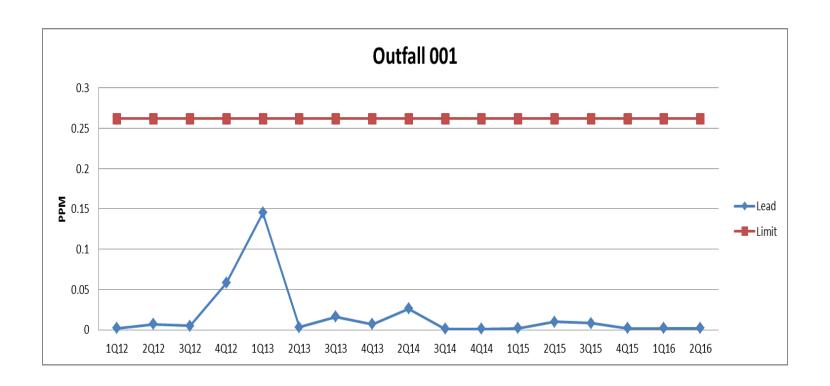
## AES Puerto Rico, L.P. Benchmark Monitoring Results Summary

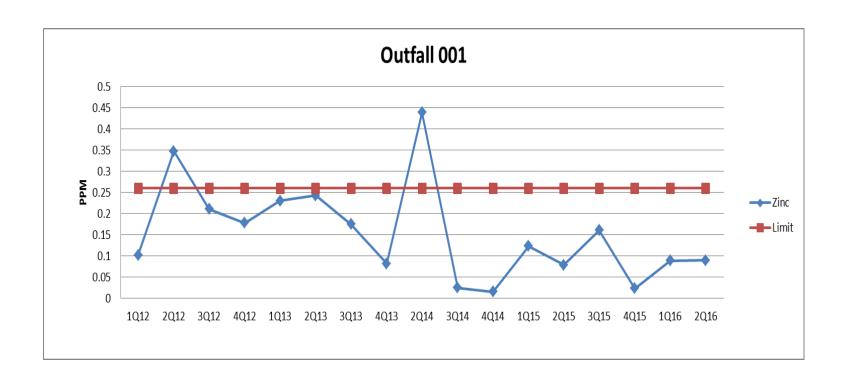
	Quarter Period		Outfa	II 001			Outfa	ıll 002		Outfall 003			
Quarter	Period	Total Fe (mg/l)	Total Al (mg/l)	Total Pb (mg/l)	Total Zn (mg/l)	Total Fe (mg/l)	Total Al (mg/l)	Total Pb (mg/l)	Total Zn (mg/l)	Total Fe (mg/l)	Total Al (mg/l)	Total Pb (mg/l)	Total Zn (mg/l)
3	JUL-SEP 2015	0.755	0.684	0.008	0.161	0.034	0.05	0.021	0.009	0.452	0.405	0.017	0.041
4	OCT-DEC 2015	0.232	0.496	0.002	0.024	0.292	0.459	0.002	0.012	0.682	1.33	0.002	0.028
1	ENE-MAR 2016	1.18	1.52	0.002	0.089	14.0	17.1	0.005	0.113	0.305	0.208	0.002	0.022
2	APR-JUN 2016	0.733	0.682	0.002	0.09	4.69	8.3	0.002	0.064	0.186	0.205	0.002	0.036
Quarterly	AVERAGE	0.725	0.846	0.004	0.091	4.754	6.477	0.008	0.050	0.41	0.54	0.01	0.03
Benchmark	k Concentration	1.0	0.75	0.262	0.260	1.0	0.75	0.262	0.260	1.0	0.75	0.262	0.260

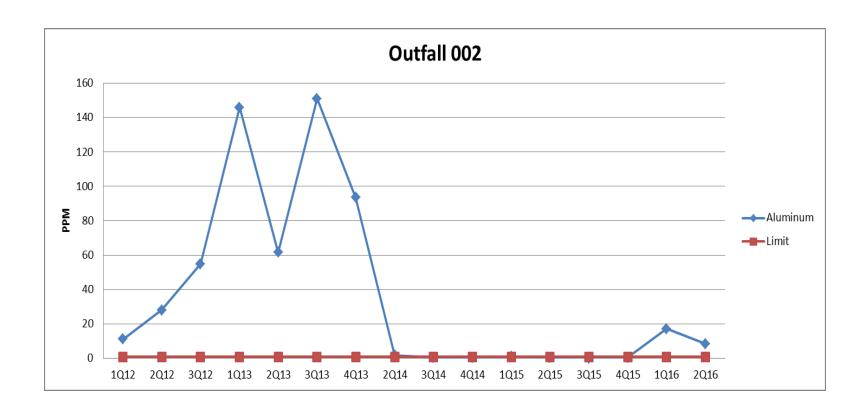
ND = No Discharge

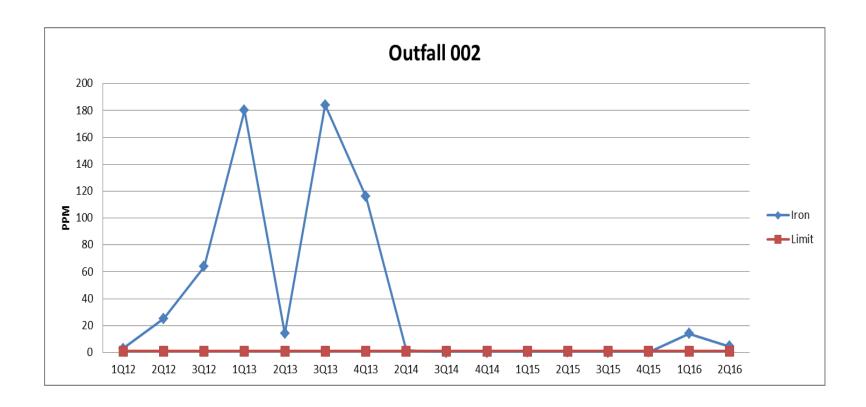


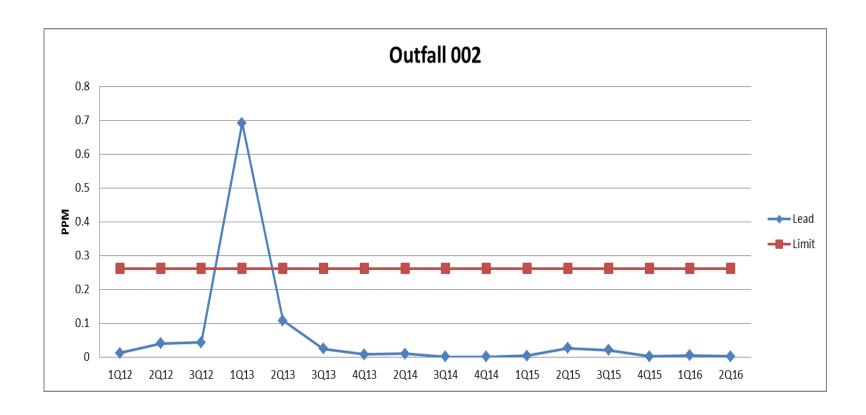


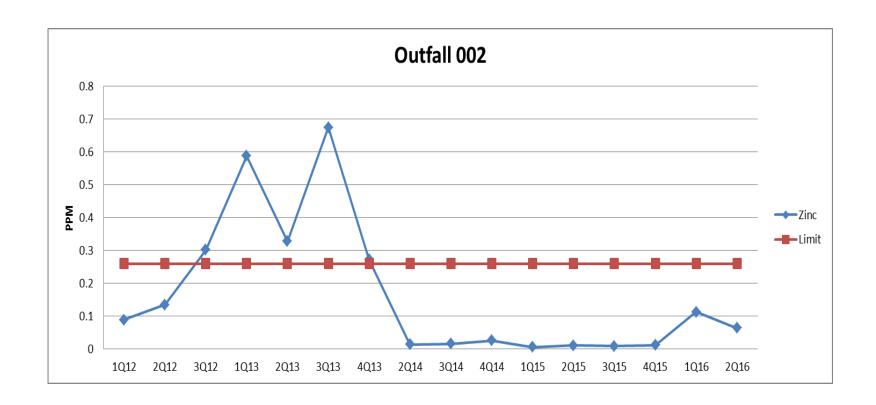


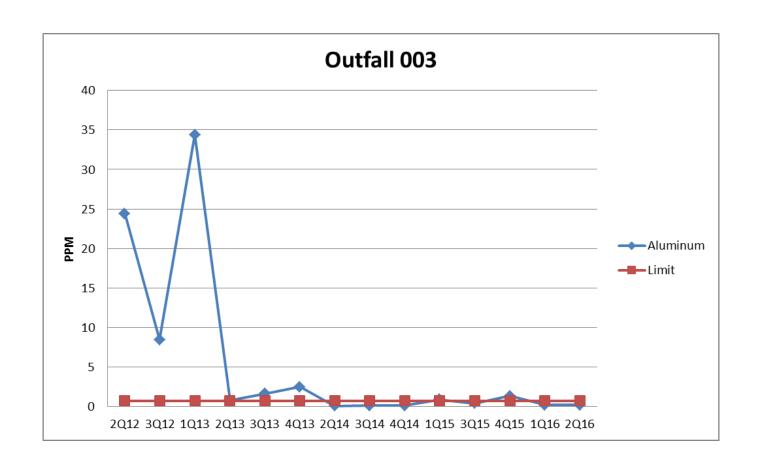


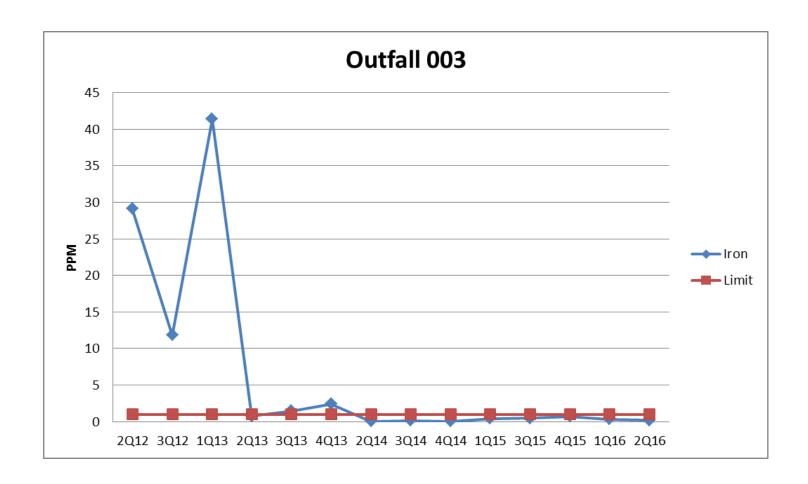


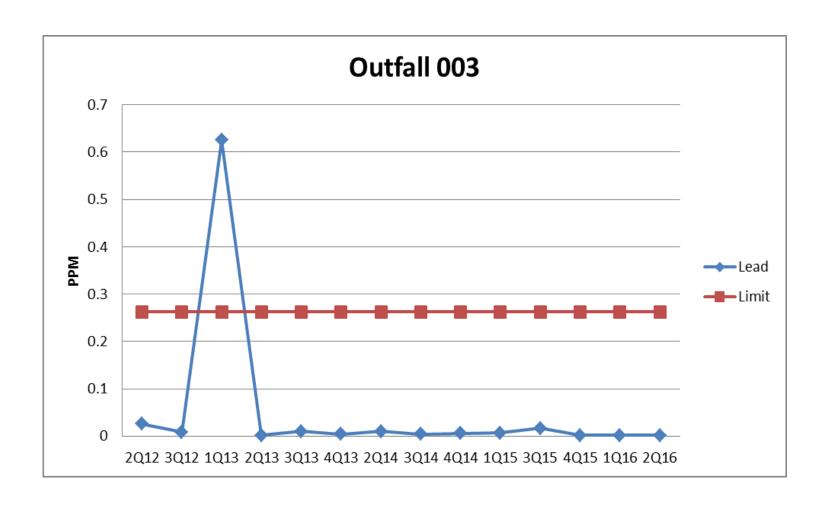


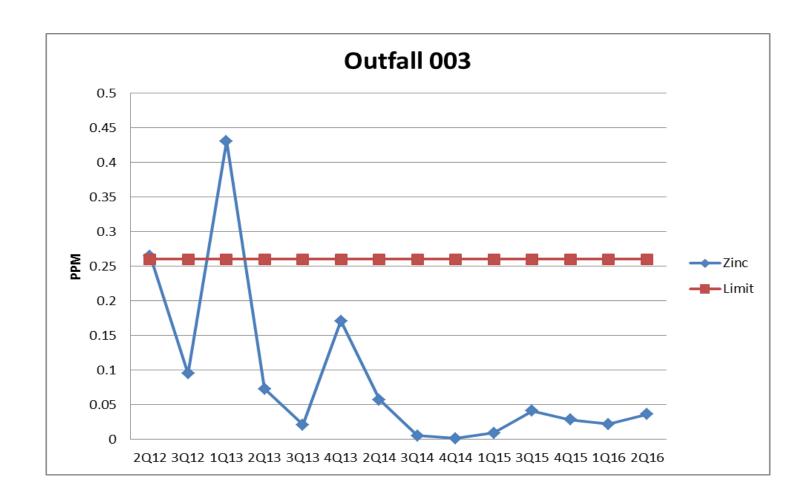












# **ATTACHMENT 3**

Routine Inspections, Visual Inspections and Corrective Actions



#### AES Puerto Rico, LP Storm Water Pollution Prevention Plan

**Storm Water Industrial Routine Facility Inspection Form** 

Worksheet No. 4

	and the desired the property				
General Information					
Facility Name	AES Puerto Rico, LP				
NPDES Tracking No.	PRR053093				
Date of Inspection	May 26, 2016	Start/End Time	8:15 am / 11:30 am		
Inspector's Name(s)	Pedro E. Labayen				
Inspector's Title(s)	Stormwater Compliance Coordinator				
Inspector's Contact Information	(787) 866-8117 ext. 2215				
Inspector's Qualifications	Professional Engineer				
Weather Information					
Weather at time of this inspection?					
☐ Clear ☑ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ High Winds					
☐ Other: Wind 17 mph	Other: Wind 17 mph Temperature: 82°F				
Have any previously unidentified discharges of pollutants occurred since the last inspection? □Yes ☑No					
If yes, describe:					
Are there any discharges occurring at the time of inspection? □Yes ☑No					
If yes, describe:					
• /					

#### **Control Measures**

- •Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- •Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.

		Control	If No, In Need of	
		Measure is	Maintenance,	(identify needed maintenance and repairs, or any
	Structural Control	Operating	Repair, or	failed control measures that need replacement)
ID.	Measure	Effectively?	Replacement?	
Run-on Control (Northeast Area)				
			■ Maintenance	
01	Earth berm	<b>☑</b> Yes <b>□</b> No	☐ Repair	
			□ Replacement	
			☐ Maintenance	
02	Concrete wall	<b>☑</b> Yes □No	☐ Repair	
			□ Replacement	
			☐ Maintenance	
03	Rip rap	<b>☑</b> Yes <b>□</b> No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
04	Concrete swale	<b>☑</b> Yes <b>□</b> No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
05	Run-on inlet grate	<b>☑</b> Yes <b>□</b> No	☐ Repair	
			☐ Replacement	
	Dolyman sa san dami		☐ Maintenance	
06	Polymer secondary containment	<b>☑</b> Yes <b>□</b> No	☐ Repair	
	Comamment		☐ Replacement	

		Control	If No, In Need of	Corrective Action Needed and Notes					
		Measure is	Maintenance,	(identify needed maintenance and repairs, or any					
	Structural Control	Operating	Repair, or	failed control measures that need replacement)					
ID.	Measure	Effectively?	Replacement?						
	Firewater Pump station Area								
	Discal touls assendent		☐ Maintenance						
07	Diesel tank secondary	<b>☑</b> Yes <b>□</b> No	☐ Repair						
	containment		☐ Replacement						
			☐ Maintenance						
08	Oil / Water Separator	<b>☑</b> Yes □No	☐ Repair						
	1		☐ Replacement						
		Eas	st Access Road Are	a					
			☐ Maintenance						
09	Concrete channel	<b>☑</b> Yes <b>□</b> No	☐ Repair						
0,5	Concrete Chamber		☐ Replacement						
			☐ Maintenance						
10	Low wall	<b>☑</b> Yes <b>□</b> No	Repair						
10	20 W Wall	<b>—</b> 105 <b>—</b> 110	☐ Replacement						
			☐ Maintenance						
11	Concrete swale next to	<b>☑</b> Yes <b>□</b> No	☐ Repair						
11	switch yard	<b>2</b> 103 <b>2</b> 110	☐ Replacement						
		Lian	id Urea Storage Ar						
		Liqu	☐ Maintenance	Ca					
12	Low wall	✓Yes □No	☐ Repair						
12	Low wan	<b>L</b> 103 <b>L</b> 10	☐ Replacement						
			☐ Maintenance						
13	Slope liner	<b>☑</b> Yes <b>□</b> No	☐ Repair						
13	Slope inter	LICS LIVE	☐ Replacement						
			☐ Maintenance						
14	Truck secondary	✓Yes □No	☐ Repair						
14	containment	MITES LINO	☐ Replacement						
			☐ Maintenance						
15	Tank secondary	<b>☑</b> Yes <b>□</b> No							
13	containment	Mares Lino	☐ Repair☐ Replacement						
			☐ Maintenance						
16	Concrete berm	<b>☑</b> Yes □No	☐ Repair						
10	Concrete berni	E les Ello	☐ Replacement						
			☐ Maintenance						
17	Concrete channel culvert	✓Yes □No							
1/	inlet	MITES LINO	☐ Repair☐ Replacement						
			Oil Drums Storage						
		1	☐ Maintenance						
18	Covered secondary	<b>☑</b> Yes <b>□</b> No							
18	containment	MITES LINO	Repair						
	La Replacement								
			Ash Silos- spout  ☐ Maintenance						
10	Ash siles	Myos DNo							
19	Ash silos	<b>☑</b> Yes <b>□</b> No	Repair						
			Replacement						
20	Consist and and a state of	ØV □N:	☐ Maintenance						
20	Spout connection	<b>☑</b> Yes <b>□</b> No	☐ Repair						
			Replacement						
21	XX.		☐ Maintenance						
21	Water spray nozzles	<b>☑</b> Yes <b>□</b> No	Repair						
		1	□ Replacement						

		Control Measure is	If No, In Need of Maintenance,	Corrective Action Needed and Notes (identify needed maintenance and repairs, or any						
	Structural Control	Operating	Repair, or	failed control measures that need replacement)						
ID.	Measure	Effectively?	Replacement?							
			☐ Maintenance							
22	Water hose	<b>☑</b> Yes <b>□</b> No	☐ Repair							
			☐ Replacement							
	Diesel Fuel Storage									
			☐ Maintenance							
23	Tank truck secondary	<b>☑</b> Yes □No	☐ Repair							
23	containment		□ Replacement							
2.4	Tanks secondary		☐ Maintenance							
24	containment	<b>☑</b> Yes <b>□</b> No	Repair	A joint from a segment of the ash wetting pipe located						
			Replacement	inside the secondary containment should be repaired.						
25	Drip pans for vehicle /		☐ Maintenance							
25	equipment fueling	<b>☑</b> Yes <b>□</b> No	☐ Repair							
			Replacement							
		A(	GREMAX Stockpile							
26	G-11:		☐ Maintenance							
26	Gabion wall	<b>☑</b> Yes <b>□</b> No	Repair							
			☐ Replacement ☐ Maintenance							
27	10 food books	ØV □N.								
27	10 feet buffer zone	<b>☑</b> Yes <b>□</b> No	☐ Repair							
			☐ Replacement☐ Maintenance☐							
28	L over well	<b>☑</b> Yes <b>□</b> No								
28	Low wall	E i es Lino	☐ Repair ☐ Replacement							
			☐ Maintenance							
32	Covered conveyors	<b>☑</b> Yes <b>□</b> No	☐ Repair							
32	Covered conveyors	MIES LINO	Replacement							
			☐ Maintenance							
35	Wheel wash	<b>☑</b> Yes <b>□</b> No	☐ Repair							
33	Wheel wash	E les Ello	☐ Replacement	Wheel washer exit road and other selected areas were restored with asphalt.						
			☐ Maintenance	restored with aspirant.						
37	Concrete channel	<b>☑</b> Yes □No	☐ Repair							
37	Concrete channel	E 103 E 100	☐ Replacement							
			Gate #3							
			☐ Maintenance							
39	Road grating (2)	<b>☑</b> Yes □No	☐ Repair							
	rtoud graining (2)	<b>—</b> 105 —110	☐ Replacement							
			☐ Maintenance							
40	Curb	<b>☑</b> Yes <b>□</b> No	☐ Repair							
			☐ Replacement							
			☐ Maintenance							
41	Curb riprap	<b>☑</b> Yes <b>□</b> No	☐ Repair	The rip rap was restored with new gabion stones.						
	- · ·		☐ Replacement	Also, a new liner was installed on the improved area.						
			☐ Maintenance	and the second s						
42	Slope liner	<b>☑</b> Yes □No	☐ Repair							
	1		☐ Replacement							
			☐ Maintenance							
43	Outfall riprap	<b>☑</b> Yes <b>□</b> No	☐ Repair							
	<b>,</b> ,		☐ Replacement							

		Control	If No, In Need of	Corrective Action Needed and Notes
		Measure is	Maintenance,	(identify needed maintenance and repairs, or any
	Structural Control	Operating	Repair, or	failed control measures that need replacement)
ID.	Measure	Effectively?	Replacement?	
			☐ Maintenance	
44	Sampling Point Outfall 002	<b>☑</b> Yes <b>□</b> No	☐ Repair	
	1 0		□ Replacement	
			☐ Maintenance	
45	Concrete wall	<b>☑</b> Yes □No	☐ Repair	
	Control wan	_105 _110	☐ Replacement	
		AGREMA	X Stockpile Perime	ter Road
			☐ Maintenance	
48	Gravel cover	<b>☑</b> Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
49	Concrete channel	<b>☑</b> Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
50	Low wall	<b>☑</b> Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
51	Run on outfall	□Yes □No	☐ Repair	
			☐ Replacement	
			Coal Stockpile	
			☐ Maintenance	
52	Runoff pond	<b>☑</b> Yes <b>□</b> No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
53	Super silt fence	<b>☑</b> Yes □No	☐ Repair	
	or of the second	_105 _110	☐ Replacement	
			☐ Maintenance	
54	Sediment trap	<b>☑</b> Yes □No	☐ Repair	
	The state of the s		☐ Replacement	
			☐ Maintenance	
55	Concrete swale	<b>☑</b> Yes □No	☐ Repair	
	Concrete sware	E 103 E 100	☐ Replacement	
			☐ Maintenance	
56	Wheel washer	<b>☑</b> Yes □No	☐ Repair	
	,, 11661 ,, ms.161		☐ Replacement	
			☐ Maintenance	
57	Riprap in channel and	<b>☑</b> Yes <b>□</b> No	☐ Repair	
3,	slopes	<b>210</b> 5 <b>2</b> 110	☐ Replacement	
		Heavy Eq	uipment Maintenan	nce Shop
			☐ Maintenance	
61	Floor grating	<b>☑</b> Yes <b>□</b> No	☐ Repair	
01	Troor gracing		☐ Replacement	
			☐ Maintenance	The floor water drainage system must be cleaned. A
62	Oil / Water Separator	<b>☑</b> Yes <b>□</b> No	☐ Repair	notification to the maintenance personnel was made in order
02	on mater separator	<b>— 103 — 110</b>	☐ Replacement	to coordinate the work.
	Used oil storage tank and		☐ Maintenance	Notification #: 1000459145
63	drums secondary	<b>☑</b> Yes <b>□</b> No	☐ Repair	
03	containment	FILES FINO	Replacement	
	Comamment		☐ Maintenance	
64	Recyclable metals roll-off		☐ Maintenance ☐ Repair	
04	container cover	□Yes □No	Replacement	No containers available at this time.
1	İ	I	- Kepiaeement	i in comanicis avanable at uns unic.

		Control	If No, In Need of	Corrective Action Needed and Notes					
		Measure is	Maintenance,	(identify needed maintenance and repairs, or any					
	Structural Control	Operating	Repair, or	failed control measures that need replacement)					
ID.	Measure	Effectively?	Replacement?						
	Warehouse / Urea Storage Building								
			☐ Maintenance						
65	Access road gravel cover	<b>☑</b> Yes <b>□</b> No	☐ Repair						
			☐ Replacement						
			☐ Maintenance						
66	Earthen berm on west side	<b>☑</b> Yes <b>□</b> No	☐ Repair						
			☐ Replacement						
			☐ Maintenance						
67	Low wall on north side	<b>☑</b> Yes <b>□</b> No	☐ Repair						
			Replacement						
			☐ Maintenance						
68	Trapezoidal swale	<b>☑</b> Yes <b>□</b> No	☐ Repair						
			☐ Replacement						
		Open Ar	ea West of Cooling	Tower					
			☐ Maintenance						
69	Gravel cover	<b>☑</b> Yes <b>□</b> No	Repair						
			Replacement						
			☐ Maintenance						
70	Slope liners	<b>☑</b> Yes <b>□</b> No	Repair						
			☐ Replacement						
		<b>r</b>	Cooling Tower						
	Secondary containment		☐ Maintenance						
71	dike	<b>☑</b> Yes <b>□</b> No	Repair						
			Replacement						
		, 	Water Treatment						
70	Sludge roll- off container		☐ Maintenance	The concrete berm used to divert stormwater toward grating					
72	inside clean grating	□Yes <b>☑</b> No	☑ Repair	was damaged. A notification (#10004549146) was made in					
	2 2		Replacement	order to coordinate the work.					
72	Soda ash silo secondary		☐ Maintenance						
73	containment	<b>☑</b> Yes <b>□</b> No	Repair						
			Replacement						
7.4	Acid / caustic tank truck	ØV □N.	☐ Maintenance						
74	unloading secondary	<b>☑</b> Yes <b>□</b> No	☐ Repair						
	containment	A D	Replacement Road West of Power	Dlout					
		Access R		' Piant					
75	Catch basin inserts	☑Yes □No	☐ Maintenance☐ Repair						
13	Catch basin filserts	Miles and	Replacement						
			☐ Maintenance						
76	Curb inlet	☑Yes □No	☐ Repair						
70	Curb linet	E I CS LINO	☐ Replacement						
			☐ Maintenance						
77	Concrete berm w/ shallow	<b>☑</b> Yes <b>□</b> No	☐ Repair						
//	gutter and curb inlet	E I CS LINO	Replacement						
			☐ Maintenance						
78	Mercury control chemicals	✓Yes □No	☐ Repair						
/ 0	covered storage dike	EITES LINO	Replacement						
	<u> </u>	Store	n Water Runoff Po	nd					
		5.011	☐ Maintenance	11U					
80	Concrete weir	✓Yes □No	☐ Repair						
00	Concrete welf	EICS EINU	☐ Replacement						
i		Ĩ	1 1	1					

		Control	If No, In Need of	Corrective Action Needed and Notes
		Measure is	Maintenance,	(identify needed maintenance and repairs, or any
	Structural Control	Operating	Repair, or	failed control measures that need replacement)
ID.	Measure	Effectively?	Replacement?	
		·	☐ Maintenance	
81	Riprap channel	<b>☑</b> Yes □No	☐ Repair	
			☐ Replacement	
			☐ Maintenance	
82	Sediment accumulation	<b>☑</b> Yes □No	☐ Repair	
	control		☐ Replacement	
	~		☐ Maintenance	
83	Chemicals secondary	<b>☑</b> Yes □No	☐ Repair	
0.5	containment		☐ Replacement	
	<u> </u>	Road Nort	th of Coal Pile Run	off Pond
		Road 11011	☐ Maintenance	on Tonu
85	Coal pile runoff pond	☑Yes □No	☐ Repair	
85	Coar pine runori pond	E 165 E NO	☐ Replacement	
			☐ Maintenance	
06	Low wall	<b>☑</b> Yes <b>□</b> No		
86	Low wan	Miles Lino	☐ Repair	
			Replacement	
0.7	Riprap in channel and		☐ Maintenance	
87	slopes	<b>☑</b> Yes <b>□</b> No	Repair	
	T.		Replacement	
			☐ Maintenance	
88	Concrete wall	<b>☑</b> Yes <b>□</b> No	☐ Repair	
			☐ Replacement	
			■ Maintenance	
89	Concrete beam	<b>☑</b> Yes <b>□</b> No	☐ Repair	
			☐ Replacement	
			■ Maintenance	
90	Box culvert	<b>☑</b> Yes <b>□</b> No	☐ Repair	
			□ Replacement	
			☐ Maintenance	
91	Sampling Point Outfall 003	□Yes <b>☑</b> No	☑ Repair	The automatic sampler water sensor was damaged. The sun keeper and the water sensor cable must be replaced. A
	1 0		☐ Replacement	notification was made. Notification: #1000461154.
			Marine Dock	
			☐ Maintenance	
92	Collection manifold	<b>☑</b> Yes <b>□</b> No	☐ Repair	
/_			☐ Replacement	
			☐ Maintenance	
93	Pier secondary	<b>☑</b> Yes <b>□</b> No	☐ Repair	
93	containment	E I CS E INO	☐ Replacement	
			☐ Maintenance	
94	Sampling Point Outfall 001	<b>☑</b> Yes <b>□</b> No		
) <del>74</del>	Sampling Follit Outlan 001	E I CS LINO	☐ Repair	
			Replacement	
05	Common TCI	ØV□N.	☐ Maintenance	
95	Conveyor TCI	<b>☑</b> Yes <b>□</b> No	☐ Repair	
1			☐ Replacement	

#### Areas of Industrial Materials or Activities exposed to stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility.

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
1	Material loading/unloading and storage areas (Agremax, limestone, coal storage)	✓Yes □No □ N/A	
2	Heavy equipment operations and maintenance areas	✓Yes □No □ N/A	
3	Fueling areas (heavy equipment fueling and storage tank unloading)	☑Yes □No □ N/A	
4	Outdoor vehicle and equipment washing areas	✓Yes □No □ N/A	
5	Waste handling and disposal areas	✓Yes □No □ N/A	
6	Erodible stockpiles (coal, Agremax)	✓Yes □No □ N/A	
7	Non-stormwater/ illicit connections	□Yes □No ☑ N/A	
8	Dust generation and vehicle tracking	✓Yes □No □ N/A	
9	Water Treatment Area	✓Yes □No □ N/A	
10	Power Block Area	<b>☑</b> Yes □No □ N/A	
11	Administration Building Area	<b>☑</b> Yes □No □ N/A	
12	2 Million- gallon and 18 Million- gallon Pond Area	<b>☑</b> Yes □No □ N/A	
13	Marine Dock Area	☑Yes □No □ N/A	
14	Stormwater Sample Point 001	☑Yes □No □ N/A	
15	Stormwater Sample Point 002	☑Yes □No □ N/A	
16	Stormwater Sample Point 003	☑Yes □No □ N/A	
17	Run-on storm water conveyance system	☑Yes □No □ N/A	

	Area/Activity	Controls Adequate (appropriate, effective, and operating)?	Corrective Action Needed or Completed and Notes
18	Run-off storm water conveyance system	☑Yes □No □ N/A	
19	Process water conveyance system	☑Yes □No □ N/A	
20	CDS/ESP Area	✓Yes □No □ N/A	
21	Polymer application at 2 MM-gallon pond area	✓Yes □No □ N/A	
22	18 MM-gallon Pond Transfer Pumps	☑Yes □No □ N/A	
23	Coal Crusher Building	✓Yes □No □ N/A	
24	Portable Toilets	☑Yes □No □ N/A	

Non-Compliance Describe any incidents of non-compliance observed and not described above: Additional Control Measures

Describe any additional control measures needed to comply with the permit requirements:

Notes Notes						
Jse this space for any additional notes or observations from the inspection:						
	ļ					

#### CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: Laboyen / Env. Coord.

Signature: Hello & John Date: May 26, 2016



M	ISGP Quarterly Visual As			Worksheet No. 6
Name of Facility: AES Puerto Rico, L.P.	(Complete a separate form for each of		•	
Outfall Name: 001 "Substantially Identica	NPDES Trackin al Outfall"? ⊠ No ☐ Yes	g 140. F	PRR053093	
Person(s)/Title(s) collecting sample: Pedro E. Labay				
Person(s)/Title(s) examining sample: Pedro E. Labay				
Date & Time Discharge Began: (4/1/16 5:47am)	ate & Time Sample Collected: (4/1/16	5:51am)	Date & Time Sample Exa	amined: (4/1/16 2:30pm)
Substitute Sample? 🛛 No 🔲 Yes (identify quar	rter/year when sample was original	ly scheduled	I to be collected):	
Nature of Discharge: ⊠ Rainfall ☐ Snowmelt		,		
If rainfall: Rainfall Amount: 0.06 inches Pre	evious Storm Ended > 72 hours fore Start of This Storm?	⊠ Yes	☐ No*	
	Parameter			
Color None Other (describe):	_			
Odor ⊠ None □ Musty □ Sewage □ □ Solvents □ Other (describe):	Sulfur Sour Petroleu	m/Gas		
Clarity 🛛 Clear 🗌 Slightly Cloudy 🔲 Clo	oudy			
Floating Solids No Yes (describe):				
Settled Solids**   No  Yes (describe):				
Suspended Solids  No  Yes (describe):				
am (gently shake sample) 🛛 No 🔲 Yes (desi	cribe):			
Oil Sheen ⊠ None □ Flecks □ Globs □ □ Other (describe):	Sheen Slick			
Other Obvious Indicators of No Yes (d Stormwater Pollution	lescribe):			
Sampling not performed due to no measurable s	torm event occurring that result	ed in a disc	harge during the monitor	ing quarter:
☑ No ☐ Yes (describe):				
* The 72-hour interval can be waived when the previous sto than a 72-hour interval is representative of local storm even	rm did not yield a measurable discharq	ge or if you are	e able to document (attach app	olicable documentation) that less
** Observe for settled solids after allowing the sample to sit	for approximately one-half hour.			
Detail any concerns, additional comments, descripnecessary).	ptions of pictures taken, and any	corrective	actions taken below (atta	ch additional sheets as
Certification by Facility Responsible Official (Refer to M	SGP Subpart 11 Appendix B for Sig	natory Requi	rements)	
I certify under penalty of law that this document and all attac qualified personnel properly gathered and evaluated the info directly responsible for gathering the information, the information, including significant penalties for submitting false information, including	chments were prepared under my direc ormation submitted. Based on my inqui ation submitted is. to the best of my kn	ction or superviry of the personal	vision in accordance with a system or persons who manage the	a evetam or those parcone
A. Name: Pedro E. Labayen / Env. Cov. 1  C. Signature: Vala Kly	B. Title	: Stormwater	Compliance Coordinator	
C. Signature: Verla Klyl	D. Date	Signed: 4	14/2016	



			uarterly Visual A			Worksheet No. 6
Nome of Facilities	AEO D D D.	(Comp	lete a separate form for each		•	
Name of Facility:	AES Puerto Rico, L.P.		NPDES Track	-	PRR053093	
Outfall Name: 002	"Substantially Ide		⊠ No ☐ Ye	S		
Person(s)/Title(s) co	ollecting sample: Pedro E. La	abayen				
Person(s)/Title(s) ex	kamining sample: Pedro E. L	abayen / Storn	water Compliance Co	ordinator		
Date & Time Discharg	e Began: 4/1/16 (9:36 AM)	Date & Time S	Sample Collected: 4/1/16	6 (9:44 AM)	Date & Time Sample	Examined: 4/1/16 (2:40 PM)
Substitute Sample?	No  ☐ Yes (identify)	quarter/year wi	hen sample was origir	ally schedul	ed to be collected):	
Nature of Discharge					,	
lf rainfall: Rainfall A	mount: 0.13 inches	Previous Stor Before Start of	m Ended > 72 hours of This Storm?	Yes	☐ No*	
	_		Parameter			
Color None	Other (describe):					
Odor None Solver	☐ Musty ☐ Sewage nts ☐ Other (describe):	Sulfur	Sour Petrol	eum/Gas		
Clarity 🗌 Clear	Slightly Cloudy	Cloudy 🖂	Opaque   Other			
Floating Solids	No ☐ Yes (describe)	):				
	No Yes (Soil erosion must be replaced. (These BMF	on from uncovere 's will be repaired	ed areas at the curved right as a Corrective Action.	rap and publ	ic dirty road were observed.	Grating inlet protection "drain guards"
	☐ No ⊠ Yes (describe)			•		
am (gently shake :	sample) 🛛 No 🔲 Yes	(describe):				
	e	Sheen [	Slick			
Other Obvious Indica Stormwater Pollution		es (describe):				
Sampling not perform	ned due to no measurable st	orm event occu	urring that resulted in	a discharge c	furing the monitoring quar	rter:
⊠ No ☐ Yes (de					•	
* The 72-hour interval c than a 72-hour interval i	an be waived when the previou is representative of local storm	s storm did not y events during the	rield a measurable disch e sampling period.	arge or if you	are able to document (attach	n applicable documentation) that less
** Observe for settled se	olids after allowing the sample t	o sit for approxin	nately one-half hour.			
necessary). Hip rap id	s, additional comments, de ocated south of the AGREMAX e problem and coordinated corr	pile must be clea	aned to remove accumul	ated sediment	s and maintain adequate so	attach additional sheets as il erosion control. The CCP personnel replaced.
Certification by Facilit	y Responsible Official (Refer	to MSGP Subpa	art 11 Appendix B for S	ignatory Req	uirements)	
directly responsible for g	eny gathered and evaluated th	e information sub formation submi	omitted. Based on my in- tted is. to the best of my	quiry of the pe knowledge an	rson or persons who manag	a system designed to assure that e the system, or those persons complete. I am aware that there are
A. Name: Pedro E. Laba	ayen/Env. Gord		В. Т	itle: Stormwat	er Compliance Coordinator	
Signature: Will	hly		D. D	ate Signed:	4/4/2016	
	/					



		MSGP Quarterly Visua			Worksheet No. 6
Name of Facility:	AES Puerto Rico, L.P.	(Complete a separate form for	r each outfall you ass racking No.	•	
Outfall Name: 003	•	ntical Outfall"? 🛛 No	Yes	PRR053093	
	ollecting sample: Pedro E. L		103		
	-	•			
<b>- B</b>		abayen / Stormwater Complia			
Date & Time Discharg	le began.04/1/2016 (12:1/pm)	Date & Time Sample Collected: (	4/1/2016 (12:19pm	n) Date & Time Sam	ple Examined: 04/1/2016 (2:50pm)
Substitute Sample?	No ☐ Yes (identify)	quarter/year when sample was o	riginally schedule	ed to be collected):	
Nature of Discharge	: 🛛 Rainfall 🔲 Snowme			•	
If rainfall: Rainfall A	mount: 0.21 inches	Previous Storm Ended > 72 ho Before Start of This Storm?	urs 🗌 Yes	No* Although, not generated a disc	a rain storm occurred 24hr. before, it did sharge (No measurable storm event).
		Parame	eter		
Color None	Other (describe):				
Odor 🔀 None 🗌 Solver	☐ Musty ☐ Sewage nts ☐ Other (describe):	Sulfur Sour Pe	troleum/Gas		_
Clarity 🛛 Clear	Slightly Cloudy	Cloudy	ner		
Floating Solids	No  ☐ Yes (describe)	:			
ſ	No ☐ Yes (describe)	:			
	No Yes (describe)				
m (gently shake	sample) 🛛 No 🔲 Yes	describe):			
Oil Sheen 🔀 Non	e	☐ Sheen ☐ Slick			
Other Obvious Indica Stormwater Pollution		es (describe):			
Sampling not perfo	rmed due to no measurab	le storm event occurring that	resulted in a dis	scharge during the n	nonitoring quarter:
⊠ No ☐ Yes (de	escribe):				
than a 72-nour interval	is representative of local storm	events during the sampling period.		are able to document (at	tach applicable documentation) that less
** Observe for settled s	olids after allowing the sample t	o sit for approximately one-half hou	•		
Detail any concerns necessary).	s, additional comments, de	scriptions of pictures taken, a	nd any correctiv	ve actions taken belo	w (attach additional sheets as
Certification by Facilit	ty Responsible Official (Refer	to MSGP Subpart 11 Appendix B	for Signatory Reg	uirements)	
I certify under penalty o qualified personnel prop directly responsible for	f law that this document and all perly gathered and evaluated th gathering the information, the in	attachments were prepared under reinformation submitted. Based on r	ny direction or super ny inquiry of the per f my knowledge an	ervision in accordance w rson or persons who mand belief, true, accurate	ith a system designed to assure that nage the system, or those persons and complete. I am aware that there are
A. Name: Pedro E. Laba	ayen		B. Title: Stormwat	ter Compliance Coordina	itor
C. Signature:	to Lafx			4/4/2016	

# Corrective Action Documentation - 2<sup>nd</sup> Quarter 2016

#### Instructions:

Within 24 hours of becoming aware of a condition identified in Parts 4.1 or 4.2 of the 2015 MSGP, document the existence of the condition and subsequent actions. Note that this information must be summarized in the annual report (as required in Part 7.5 of the 2015 MSGP).

#### Corrective Action #1

**Description of Condition**: The rip rap located at the south side of the facility (Gate #3) should be cleaned and improved in order to reduce potential erosion.

Date: April 1, 2016

**Immediate Actions**: The CCP personnel were informed about the problem and coordinated corrective actions immediately.

Actions Taken within 14 Days: The following actions were completed:

- Different contractor's quotations were obtained for evaluation.
- Quotations were evaluated by the CCP personnel.
- An external contractor was selected to complete the work.

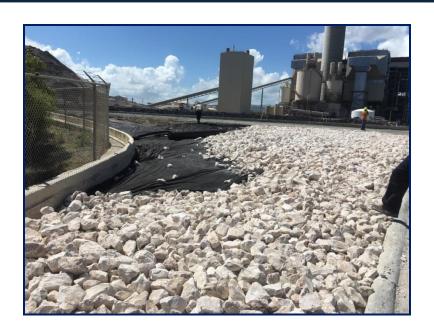
**14 Day Infeasibility**: This work will be performed by an external contractor and requires quotation evaluation by AES PR, coordination with internal personnel and aggregate stone delivery to plant.

45 Day Extension: N/A

Date Completed: May 16, 2016









#### **Corrective Action #2**

**Description of Condition**: Wheel washer exit road needed improvements.

Date: April 1, 2016

Immediate Actions: The CCP personnel were informed about the problem and coordinated corrective actions

immediately.

Actions Taken within 14 Days: The following actions were completed:

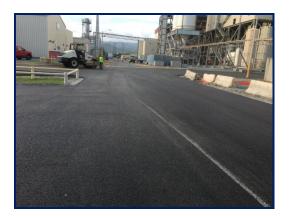
• The scope of project was determined.

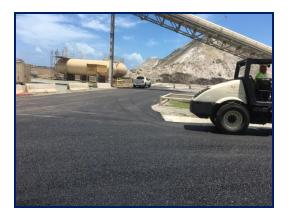
- Different contractor's quotations were evaluated.
- The ash removal and truck traffic were temporary suspended in the area until termination of road amendments.

**14 Day Infeasibility**: This project requires installation of asphalt on the wheel washer exit road and other selected areas. This involves capital investment and coordination with the CCP operational area in order to not affect regular operations.

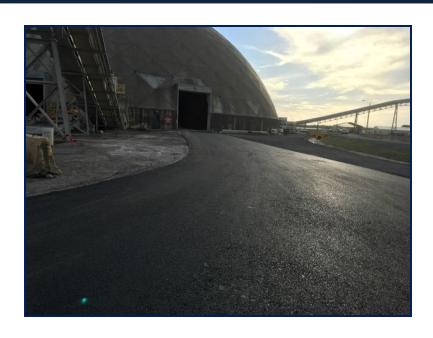
45 Day Extension: N/A

Date Completed: May 16, 2016





## Quarterly Progress Report (QPR) No. 6 Administrative Compliance Order AES-PR Coal Fired Power Plant Docket Number CWA-02-2015-3102





# **Corrective Action #3**

**Description of Condition**: The concrete berm used to divert stormwater toward grating at the softener area was damaged. A notification (#10004549146) was made in order to coordinate reparation.

**Date**: May 26, 2016

**Immediate Actions**: Operations personnel were informed about the problem and coordinated corrective actions immediately.

Actions Taken within 14 Days: The following actions were completed:

- The scope of project was determined.
- A plant external contractor's proposal was requested.

**14 Day Infeasibility**: This work will be performed by an external contractor and required evaluation, selection and coordination.

45 Day Extension: N/A

Date Completed: June 13, 2016



# **Corrective Action #4**

**Description of Condition**: The automatic sampler "sunkeeper" and water sensor cable must be replaced. A notification was made in order to coordinate the work. Notification: #1000461154.

**Date**: May 26, 2016

**Immediate Actions**: Instrumentation / Electrical personnel were informed about the problem and coordinated corrective actions immediately.

Actions Taken within 14 Days: N/A

14 Day Infeasibility: N/A

45 Day Extension: N/A

Date Completed: June 8, 2016

